

CLIMATOLOGICAL DATA FOR NOVEMBER, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

Like the preceding month, November was decidedly warm, the mean temperature averaging more than 3° above normal in all the States of the district, except Maryland, Delaware, and Virginia. With respect to temperature, this month closely resembled November in 1909 and 1902. It was exceptionally mild and pleasant, particularly in the Northern States, and the high temperatures caused unusual manifestations in nature. In some sections early spring flowering shrubs and such plants as dandelions produced blossoms after Thanksgiving Day.

The week ending on the 24th was the most remarkable, giving maximum temperatures equal to or higher than the highest recorded later than the middle of any November. Except in the Northern States, where cold weather prevailed on the 27th and 28th, the temperature was continuously above the normal after the 16th, and throughout the district the weather during the latter half of the month presented practically all the features of what is popularly termed "Indian summer."

The rainfall was generally light, fairly evenly distributed and timely in its occurrence. While it was not a decidedly dry month, the long intervals of nearly rainless weather between the few heavy storms made it unusually favorable for outdoor pursuits. Highways remained in excellent condition much longer than usual, and as a rule were not much broken up at the close of the month.

The following table exhibits the leading features of meteorological interest for the various sections of the district:

States, or parts of States within District No. 1.	Temperature.				Precipitation.				Average number of—		
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.	Rainy days.	Clear days.	
New England.....	41.4	+3.5	75	—	8	2.27	-1.68	6.36	0.20	7	12
New York.....	42.3	+4.1	79	—	8	3.10	+0.14	5.61	1.48	9	10
Pennsylvania.....	44.8	+3.9	77	18	2.71	-0.05	4.20	1.43	9	11	
New Jersey.....	46.2	+3.2	77	18	2.71	-0.71	4.89	1.00	7	14	
Maryland, Delaware, and District of Columbia.....	47.5	+2.6	87	20	1.67	-0.80	3.25	0.60	7	15	
West Virginia.....	44.8	+3.2	83	12	3.76	+2.00	6.31	2.91	8	12	
Virginia.....	47.8	+2.8	81	16	2.57	+0.25	4.60	1.03	5	16	

TEMPERATURE.

The mean temperature in the district varied from 33.3° at Van Buren, Me., to 51.6° at Pocomoke City, Md. The highest temperature, 87° , occurred at Westerport, Md., on the 22d, and the lowest, -6° , at Van Buren, Me., on the 28th. As very rarely occurs in November, the highest temperature at most stations came in the third

decade. Curiously enough, too, the coldest weather of the month came on dates earlier than the 12th at most places south of New York. In New England and New York the lowest temperatures were recorded generally about the 27th or 28th. Temperatures were considerably below the seasonal average throughout the district on the 1st, 10th, 11th, and 12th, and in the Northern States on the 27th and 28th. A period of remarkably warm weather extended from the 16th or 17th through 10 days or more. At Binghamton, N. Y., the temperature for the week ending on the 24th was more than 18° above normal, showing an excess that has seldom been equaled in this part of the country at any season of the year. Decidedly warm weather prevailed also on the 7th, 8th, and 9th.

The minimum temperatures were higher than usual for November in all parts of the district but Maine, where a few stations recorded temperatures below zero. Southward from Massachusetts the temperature did not fall below 20° , except at a few stations in the more exposed localities.

PRECIPITATION.

The total precipitation averaged less than 3 inches in all States, except New York and West Virginia. The only stations where the precipitation was over 6 inches were Somerset, Vt., and Bayard, W. Va.; the former station reported a total of 6.36 inches and the latter 6.31 inches. Precipitation of 1 inch or less occurred at 6 stations in Maine, 1 in New Hampshire, 1 in New Jersey, and 4 in Maryland.

The principal storm of the month occurred on the 8th-9th and caused rainfall varying from over 3 inches in central New York to 1 inch or more in Virginia and about half an inch in northern Maine. Nearly one-third of the district received 2 inches or more of rain during the progress of this storm. It caused precipitation of more than 2.50 inches within 24 consecutive hours at 7 of the stations in New York, 1 in Vermont, 2 in New Jersey, and 2 in Virginia. The greatest 24-hour precipitation for the month was 4.15 inches at Windham, N. Y., on the 9th.

Moderate amounts of precipitation fell in the southern part of the district on the 14th and 16th, in the northern part on the 20th, in the western sections on the 28th, and in the remainder of the district on the following day.

There was much less snow than usual in November, the total amount being less than 1 inch at nearly all stations south of New York. In fact no snow was observed at many stations in Virginia, Maryland, Delaware, New Jersey, and a few even in New York, Connecticut, Rhode Island, and Massachusetts. In the northern parts of the New York and the New England sections snow fell on several dates, chiefly the 11th, 16th, 28th, and 29th. The amounts varied from a trace to about 4 inches.

The greatest snowfall recorded within the district was 26 inches at Bayard, W. Va., and practically all of this amount fell on the 9th and 10th in what has been termed "by far the greatest snow storm of record for the season" in the regions just west of the mountains. Strange as it may seem, this storm caused only slight amounts of snow a little farther east.

MISCELLANEOUS.

Moderate stages prevailed in all the principal rivers throughout the month, though local freshets followed the heavy rain of the 9th in the smaller streams. The greatest variation noted in the stages of the large rivers

was in the Susquehanna at Williamsport, Pa., where the river gage showed a maximum reading of 10.2 feet on the 11th and a minimum reading of 2.2 feet on the 6th, 7th, and 8th.

The amount of sunshine was not far from the normal over most sections, though there was a marked deficiency in the central inland part of the district and a slight excess along the coast. Near the middle of the district, where the second warm period gave the greatest departures in temperature from normal, the percentage of sunshine was least, being only 23 at Binghamton, N. Y. The number of hours of sunshine at that station was only 66, while it was 188 at Atlantic City, N. J.

TABLE 1.—Climatological data for November, 1913. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rain days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Maine.</i>																					
Bar Harbor.	Hancock.	20	27	39.8	+ 0.9	67	20†	12	28	34	1.00	- 2.79	0.50	T.	4	15	6	9	sw.	William Miller.	
Cornish.	York.	778	53	40.9	+ 5.3	75	20	16	28	47	3.48	- 0.74	2.45	4.5	7	13	7	10	nw.	T. H. West.	
Eastport.	Washington.	53	41	40.4	+ 3.6	67	20	18	28	30	0.90	- 3.18	0.53	0.1	8	7	8	15	sw.	U. S. Weather Bureau.	
Fairfield.	Somerset.	90	26	39.8	+ 4.4	71	23	12	28	38	0.65	- 2.17	0.35	2.0	2	16	6	8	nw.	E. F. Parker.	
Farmington.	Franklin.	450	16	36.8	+ 3.7	68	23	7	28	40	2.31	- 1.02	0.66	3.0	8	8	9	9	nw.	State Normal School.	
Gardiner.	Kennebec.	163	21	39.8	+ 3.1	69	20	12	28	42	1.93	- 1.91	0.52	2.0	8	8	1	11	sw.	Samuel D. Soule.	
Greenville.	Piscataquis.	1,140	9	34.0	65	7	16	28	39	2.98	- + 0.21	1.35	3.5	U. S. Weather Bureau.
Houlton.	Aroostook.	362	11	36.0	.....	60	23	17	28	30	1.26	- 0.79	0.55	1.0	6	13	5	12	sw.	Bangor & Aroostook R. R.
Lewiston.	Androscoggin.	185	30	39.2	+ 3.5	68	20	16	28	39	2.14	- 1.83	1.16	5.0	6	10	8	10	nw.	Union Water Power Co.	
Madison.	Somerset.	257	10	35.7	.....	69	24	7	28	41	3.20	- + 0.20	1.52	2.5	7	18	9	12	w.	William Jardine.
Millinocket.	Penobscot.	386	10	36.6	.....	68	23	4	28	37	1.62	- 1.72	0.68	2.0	9	9	2	16	w.	F. C. Bowler.
North Bridgton.	Cumberland.	450	20	39.8	+ 2.8	70	20	16	28	44	2.78	- 0.73	1.67	4.5	11	13	6	nw.	G. E. Chadbourne.		
Orono.	Penobscot.	129	44	40.5	+ 6.3	66	20	9	28	37	3.39	- 0.48	0.76	T.	6	15	8	7	sw.	Department of Physics.	
Patten.	do.	550	11	35.0*	.....	70	22	- 2°	28	50°	0.20	.....	0.20	2.0	1	12°	4°	9	sw.	Bangor & Aroostook R. R.
Pensquid.	Lincoln.	0	40.3	43.4	+ 3.8	70	20	11	28	41	1.37	- 0.54	0.1	7	20	3	7	sw.	Margaret Adams.		
Portland.	Cumberland.	99	42	41.4	+ 3.8	70	20	- 2	28	29	1.20	- 2.60	0.45	0.8	5	15	4	10	s.	U. S. Weather Bureau.	
Presque Isle.	Aroostook.	504	4	34.8	.....	68	23	10	28	26	0.71	- 0.45	2.6	5	7	13	10	nw.	E. M. Libby.	
Rumford Falls.	Oxford.	505	20	37.6	+ 3.5	68	23	6	28	31	2.68	- 0.61	1.74	4.0	6	9	6	5	sw.	Charles A. Mixer.	
Van Buren.	Aroostook.	510	18	38.3	.....	63	23	11	28	39	1.68	- 1.47	0.73	2.0	6	20	2	8	w.	J. M. Thomas.
Winslow.	Kennebec.	90	18	40.8	+ 6.4	68	20†	11	28	39	1.68	- 1.47	0.73	2.0	6	20	2	8	w.	Hollingsworth & Whitney Co.	
<i>New Hampshire.</i>																					
Alstead Center.	Cheshire.	1,120	9	38.8	+ 3.8	62	20	18	27	32	1.81	- 2.71	0.75	11.0	8	17	4	9	nw.	Frank Dewing.	
Benton.	Grafton.	4	21	36.5	+ 3.9	64	23	12	27	33	1.62	- 2.09	0.47	3.3	11	14	7	9	w.	State Sanatorium.	
Bethlehem.	do.	1,470	53	36.9	+ 3.1	70	20	19	27	46	1.76	- 1.63	0.74	6.4	9	8	8	14	nw.	Benjamin Tucker.	
Concord.	Merrimack.	350	53	39.9	+ 3.1	70	20	15	27	41	0.88	- 3.60	0.48	T.	5	16	6	11	nw.	U. S. Weather Bureau.	
Durham.	Stratford.	88	14	41.4	+ 2.4	71	20†	15	27	41	1.86	- 0.54	0.61	6.2	10	15	2	13	nw.	Agr. Exp. Station.	
Franklin.	Merrimack.	440	14	39.9	+ 4.1	70	20	17	27†	46	1.86	- 0.54	0.61	6.2	10	15	2	13	nw.	Dr. C. F. Webster.	
Grafton.	Grafton.	883	27	38.8	+ 5.2	67	20†	15	27	46	1.86	- 0.54	0.61	6.2	10	15	2	13	nw.	P. R. Kimball.	
Hanover.	do.	603	70	38.8	+ 5.2	67	20†	15	1	46	1.85	- 1.18	0.80	5.0	12	7	9	14	s.	Dartmouth College.	
Keene.	Cheshire.	506	28	39.4	+ 2.7	69	20	14	27	47	1.42	- 2.60	0.60	7.8	8	13	6	11	nw.	Samuel Wadsworth.	
Nashua.	Hillsboro.	125	28	42.8	+ 4.6	71	20†	19	27	44	2.29	- 1.68	1.09	4.0	9	13	5	12	nw.	C. B. Stevens.	
Newton.	Rockingham.	25	40.8	+ 3.0	71	20†	13	27	39	2.01	- 2.16	1.03	T.	7	14	6	10	sw.	W. C. Gale.		
Plymouth.	Grafton.	500	26	38.5	+ 5.8	65	20†	15	28	41	2.46	- 1.46	0.84	6.0	7	13	3	14	w.	Hattie G. Trow.	
<i>Vermont.</i>																					
Bloomfield.	Essex.	6	36.6	.....	68	7	5	28	46	1.19	.....	0.55	4.0	10	12	4	14	s.	Lyman Falls Power Co.	
Cavendish.	Windsor.	910	10	36.6	+ 3.4	65	20†	12	27	42	2.15	- 2.03	0.50	6.0	11	11	7	12	sw.	E. D. Kingsbury.	
Chelsea.	Orange.	840	14	36.6	+ 3.4	65	22	12	27	34	2.87	.....	0.91	4.2	8	10	6	14	sw.	W. F. Dewey.
Manchester.	Bennington.	980	14	40.4	.....	65	20	15	27	34	6.42	.....	3.64	12.5	13	10	4	16	sw.	N. M. Canfield.
Somerset.	Windham.	2,066	1	36.6	.....	67	22	12	28	46	2.60	.....	0.50	0.3	6	4	4	22	nw.	Power Construction Co.
St. Johnsbury.	Caledonia.	711	28	38.0	+ 4.7	63	20†	12	27	41	1.92	- 1.59	0.70	8.0	6	4	4	22	nw.	Fairbanks Museum.	
Woodstock.	Windsor.	700	21	38.6	+ 4.8	65	20†	15	27	41	2.46	- 1.46	0.84	6.0	7	13	3	14	w.	John S. Eaton.	
<i>Massachusetts.</i>																					
Amherst.	Hampshire.	222	24	41.8	+ 3.5	68	20	23	27	40	2.11	- 1.74	0.60	2.5	9	8	6	16	nw.	Agricultural Exp. Station.	
Bluff Hill.	Norfolk.	640	29	42.8	+ 3.1	67	20	22	28	42	2.70	- 1.92	1.27	2.0	10	11	7	12	w.	Bullock Hill Observatory.	
Boston.	Suffolk.	124	43	46.5	+ 5.8	71	20	27	28	47	2.15	- 1.95	1.29	T.	12	12	6	12	w.	U. S. Weather Bureau.	
Chestnut Hill.	do.	124	33	44.8	+ 3.5	70	7	24	27	35	2.60	- 1.89	0.79	0	8	21	0	9	nw.	Metropolitan Water Board.	
Clinton.	Worcester.	370	17	43.4	.....	69	20	21	28	33	2.73	.....	1.25	5.6	8	9	9	10	sw.	Fred A. Tower.
Concord.	Middlesex.	139	23	41.6	+ 3.4	71	7	21	27	43	2.11	- 1.12	1.11	2.1	8	9	9	11	sw.	C. V. S. Remington.	
Fall River.	Bristol.	200	47	44.9	+ 2.0	68	20	25	27	42	2.22	- 2.53	1.10	0.5	0	20	3	20	w.	Dr. A. P. Mason.	
Fitchburg.	Worcester.	550	30	42.0	+ 3.4	69	7	19	27	37	2.30	- 2.09	0.88	8.0	9	15	5	10	w.	Metropolitan Water Board.	
Framingham.	Middlesex.	180	33	43.5	+ 2.8	69	20	22	27	39	2.44	- 1.81	1.14	3.8	8	9	9	12	nw.	C. F. Sleeper.	
Hanover.	Barnstable.	31	46.1	+ 1.2	65	20†	26	1	25	37	2.30	- 2.09	0.90	0	0	12	14	4	nw.	Props. Locks and Canals.	
Lawrence.	Essex.	51	29	42.5	+ 2.6	70	20	22	27	39	2.13	- 2.07	1.05	1.0	9	12	15	3	sw.	A. R. Gurney.	
Lowell.	Middlesex.	100	26	43.9	+ 3.6	71	20	18	28	47	2.47	- 2.11	1.38	0.1	7	7	7	16	w.	U. S. Weather Bureau.	
Middleboro.	Plymouth.	53	27	43.4	.....	68	21	23	1	32	2.79	.....	1.28	T.	9	13	8	8	sw.	Ruby H. Martyn.
Nantucket.	Barnstable.	47	26	46.1	+ 2.2	65	20	30	1	19	2.21	- 1.39	1.23	0	5	22	0	8	sw.	Laura B. Knap.	
Rockport.	Essex.	25	15	45.4	.....	70	23	21	28	35	1.55	.....	0.96	0	6	11	8	11	sw.	Gideon Bowley.
Rutland.	Worcester.	1,160	11	40.0	.....	68	21†	19	27	34	2.73	.....	0.99	5.3	10	8	12	4	sw.	C. F. Pearce.
Turners Falls.	Hampden.	199	11	44.8	.....	71	20	22	27	38	2.21	.....	0.98	4.4	9	7	11	12	nw.	State Sanatorium.
Franklin.	Franklin.	200	22	42.4	+ 5.2	68	20	21	28	32	2.99	- 0.07	1.35	8.0	9	21	0	9	nw.	Turners Falls Co.	
Westboro.	Worcester.	268	39	45.2	+ 5.4	70	20	24	11	39	2.75	- 1.39	1.35	4.5	8	8	12	7	nw.	G. S. Newcomb.	
Williamstown.	Berkshire.	711	32	41.6	+ 4.0	64	22	19	27	32	1.63	- 1.90	0.55	3.8	12	8	15	7	nw.	Williams College.	
W																					

TABLE 1.—*Climatological data for November, 1913. District No. 1—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.				Number of rainy days, 0.01 inch or more	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.						
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.													
Connecticut—Contd.																											
Storrs.....	Tolland.....	640	25	44.2	+ 5.3	67	20†	23	2	34	2.05	- 2.39	1.30	0	3	17	2	11	nw.	nw.	nw.	Agricultural Exp. Station.					
Torrington.....	Litchfield.....	625	12	39.8	-	69	21	18	27†	41	3.46	-	1.00	0	5	14	34	12	12	12	12	Prof. E. H. Forbes.					
Voluntown.....	New London.....	260	28	42.1	+ 0.8	71	20	15	1	47	2.30	-	2.68	0.68	0	5	15	7	8	8	8	J. L. Herbert.					
Waterbury.....	New Haven.....	400	38	44.0	+ 3.4	70	20	24	27	39	2.92	-	1.47	1.30	2.0	8	-----	-----	-----	-----	-----	N. J. Welton.					
New York.																											
Addison.....	Steuben.....	1,000	23	44.0	+ 4.9	76	21	21	6	38	2.36	+ 0.45	1.62	T.	8	14	5	11	sw.	s.	sw.	Dr. H. R. Ainsworth.					
Albany.....	Albany.....	97	92	42.8	+ 4.4	68	20	26	28	30	1.48	- 1.32	0.45	0.4	10	8	9	13	sw.	s.	s.	U. S. Weather Bureau.					
Alfred.....	Allegany.....	1,976	18	40.8	+ 5.2	68	21	22	10†	39	2.57	-	0.32	1.17	1.5	19	-----	-----	-----	-----	-----	F. S. Place.					
Amsterdam.....	Montgomery.....	277	9	39.8	-	66	23	19	27	36	4.05	-	2.30	2.0	7	13	2	15	w.	w.	w.	Emery Elmwood.					
Athens.....	Greene.....	90	11	43.1	+ 3.8	69	20	25	27	34	1.53	-	0.49	0.42	2.0	8	8	6	16	nw.	s.	s.	E. C. Brooks.				
Ballston Lake.....	Saratoga.....	400	9	39.7	-	65	9†	18	27	37	2.32	-	0.62	4.5	12	9	7	14	w.	w.	w.	Geo. R. Schaefer.					
Bedford.....	Westchester.....	450	22	42.2	+ 1.0	68	20	25	11†	35	3.65	-	0.02	0.75	9	7	19	4	-----	-----	-----	Dr. L. Rosenberg.					
Bearston.....	Delaware.....	1,214	1	42.0	-	69	22	21	6	45	4.70	-	3.38	3.5	11	10	10	7	13	w.	w.	w.	John Q. Barkow.				
Binghamton.....	Broome.....	875	22	43.8	+ 6.0	70	21	26	27	38	2.57	+ 0.30	1.66	2.3	10	2	6	22	nw.	nw.	nw.	U. S. Weather Bureau.					
Bonkville.....	Madison.....	1,350	16	39.8	+ 5.5	68	22	18	27	32	3.17	+ 0.22	1.60	5.5	15	2	11	17	s.	s.	s.	L. W. Griswold.					
Boyd's Corners.....	Putnam.....	560	31	-	-	-	-	-	-	-	2.87	-	0.75	-	-	-	-	-	-	-	-	Thos. Manning.					
Carmel.....	do.....	500	21	40.8	+ 1.2	68	20	22	27	37	3.14	-	0.37	1.44	4.0	7	11	5	14	ne.	do.	do.	Do.				
Chatham.....	Columbia.....	470	12	41.9	+ 4.8	67	20	19	27	34	1.91	+ 0.02	0.57	2.0	12	13	6	13	n.	n.	n.	Morton R. Tank.					
Cooperstown.....	Otsego.....	1,250	59	40.0	+ 5.0	67	22	20	16	33	3.69	+ 0.65	1.03	2.0	13	14	8	8	n.	n.	n.	Miss Elizabeth C. Keese.					
Corinth.....	Saratoga.....	542	11	-	-	-	-	-	-	-	2.31	-	0.68	4.0	5	-	-	-	-	-	-	A. M. Hollister.					
Cortland.....	Cortland.....	1,129	51	42.5	+ 6.3	69	22†	22	27	40	3.06	-	0.08	1.53	1.1	14	10	8	12	s.	s.	s.	F. G. Baker.				
Cutchogue.....	Suffolk.....	32	14	47.0	+ 3.9	73	3	29	27	33	2.23	-	0.46	0.75	T.	6	11	15	4	nw.	nw.	nw.	Wm. A. Fleet.				
De Ruyter.....	Madison.....	1,300	10	43.1	+ 7.7	70	6	18	27	57	3.11	+ 0.39	1.41	3.4	14	14	2	14	s.	s.	s.	B. D. Crandall.					
Elmira.....	Chemung.....	863	30	44.4	+ 4.9	70	20†	26	27	35	2.30	+ 0.32	1.74	T.	5	8	6	16	sw.	w.	w.	T. A. Brown.					
Glen Falls.....	Warren.....	340	21	41.8	+ 5.5	68	20	22	6	37	1.52	-	1.65	0.62	4.5	8	13	3	14	w.	w.	w.	Prof. C. L. Williams.				
Gloversville.....	Fulton.....	850	21	39.3	+ 4.6	65	22	19	27	37	4.66	+ 1.37	2.30	7.5	12	9	12	9	12	w.	w.	w.	W. L. McLean.				
Greenfield Center.....	Saratoga.....	314	18	40.2	+ 4.4	65	20	13	28	35	2.29	-	0.17	0.80	9	9	9	13	8	sw.	sw.	sw.	S. E. Darrow.				
Hackville.....	Steuben.....	410	11	-	-	-	-	-	-	-	2.35	-	0.07	1.85	0.8	7	-	-	-	-	-	-	W. G. Collins.				
Hoosick Falls.....	Rensselaer.....	726	11	-	-	-	-	-	-	-	2.33	-	0.37	0.5	12	-	-	-	-	-	-	-	S. L. Clift.				
Indian Lake.....	Hamilton.....	1,705	14	-	-	65	6	8	27	-	3.90	+ 1.14	2.25	-	7	13	9	8	w.	w.	w.	Lester Sevier, Jr.					
Jeffersonville.....	Sullivan.....	1,240	10	40.8	-	70	22	20	1†	48	4.51	-	3.04	2.0	11	13	9	8	sw.	sw.	sw.	Chas. Wilfrid, Jr.					
Liberty.....	do.....	2,300	31	40.4	+ 5.1	64	22	21	11†	57	5.83	+ 2.51	2.98	0.8	6	13	4	13	nw.	nw.	nw.	Dr. H. M. King.					
Little Falls.....	Herkimer.....	924	15	40.6	+ 5.4	68	22	22	27	31	3.09	+ 0.34	2.40	T.	9	10	8	12	w.	w.	w.	O. J. Dempster.					
Mohonk Lake.....	Ulster.....	1,245	17	42.4	+ 0.7	65	20	22	11	25	3.00	+ 0.24	1.90	2.5	3	13	7	10	nw.	nw.	nw.	Daniel Smiley.					
Morehouseville.....	Hamilton.....	1,697	5	36.3	-	63	7†	12	1†	42	5.19	-	1.72	12.5	11	19	4	7	w.	w.	w.	T. C. Remond.					
Morrisville.....	Madison.....	1,325	1	40.5	-	68	22	18	27	41	5.19	-	1.72	12.5	9	13	10	15	s.	s.	s.	I. M. Charlton.					
Mount Hope.....	Westchester.....	200	16	45.3	+ 4.1	71	21	28	11†	30	3.46	+ 0.49	1.82	0	3	3	20	7	10	10	10	10	W. A. Cornelius.				
Mount McGregor.....	Saratoga.....	1,060	1	-	-	-	-	-	-	-	2.61	+ 0.21	1.40	1.0	9	-	-	-	-	-	-	W. S. Stanton.					
Newark Valley.....	Tioga.....	825	26	-	-	-	-	-	-	-	3.31	-	1.30	1.4	11	-	-	-	-	-	-	Lyman D. Clinton.					
New Lisbon.....	Chenango.....	1,090	8	-	-	-	-	-	-	-	4.00	+ 1.49	2.56	1.0	10	8	5	17	sw.	sw.	sw.	Chas. F. Sarle.					
New York City.....	Otsego.....	1,234	23	39.3	+ 5.2	68	22	17	27	45	4.00	+ 1.49	2.56	1.0	10	8	5	17	sw.	sw.	sw.	G. A. Yates.					
North Creek.....	New York.....	314	88	46.9	+ 2.9	70	20	28	11	23	1.91	-	1.53	0.70	0	6	8	8	14	sw.	sw.	sw.	U. S. Weather Bureau.				
Northville.....	Warren.....	1,002	5	39.6	-	67	20†	13	28	41	2.92	-	2.0	0	6	13	7	10	10	10	10	W. G. Kenwell.					
Oneonta.....	Fulton.....	742	11	-	-	-	-	-	-	-	4.33	-	1.93	3.5	-	-	-	-	-	-	-	P. C. Prichard.					
Oxford.....	Otsego.....	1,112	48	42.8	+ 4.6	72	22	23	6†	43	4.40	+ 1.74	2.99	1.0	9	11	6	13	sw.	sw.	sw.	H. W. Lee.					
Oyster Bay.....	Chenango.....	916	48	40.3	+ 4.4	66	22	22	6†	31	3.61	+ 0.83	1.91	3.0	9	5	13	12	w.	w.	w.	J. P. Davis.					
Port Jervis.....	Nassau.....	40	9	48.6	-	70	20†	31	11	25	1.78	-	0.55	0.25	0	4	19	3	8	sw.	sw.	sw.	Prof. Thos. Colby.				
Roslyn.....	Orange.....	470	29	42.9	+ 4.2	71	20†	23	11†	32	3.79	+ 0.82	2.23	1.0	11	10	8	12	nw.	nw.	nw.	W. H. Nearness.					
Salisbury.....	Nassau.....	215	1	46.2	-	70	20	28	11	32	2.15	-	0.58	0	7	19	2	9	sw.	sw.	sw.	C. H. Hechler.					
Scarsdale.....	Herkimer.....	1,526	16	36.8	+ 2.2	68	22	17	27	32	4.24	+ 0.92	2.72	5.0	14	14	11	5	w.	w.	w.	Joseph Ryan.					
Seatauket.....	Westchester.....	200	16	46.9	-	73	20	28	1†	32	2.52	-	0.85	0	0	16	18	2	10	sw.	sw.	sw.	C. H. Wilmarth.				
Shrub Oak.....	Suffolk.....	40	28	46.8	+ 2.7	68	20	31	11	23	2.56	-	1.29	0.95	T.	9	13	10	7	w.	w.	w.	Selah D. Strong.				
Shunpike.....	Schoharie.....	821	0	41.7	-	70	22	21	27	35	3.70	-	1.84	2.5	5	14	11	5	11	11	11	11	D. G. Trow.				
Southampton.....	Chenango.....	36	12	46.6	+ 3.6	70	20	29	27	36	2.03	-	0.60	0.74	0	6	13	11	6	nw.	nw.	nw.	W. L. Jaggar.				
Southeast Reservoir.....	Putnam.....	310	18	-	-	-	-	-	-	-	3.29	-	0.07	-	-	-	-	-	-	-	-	Thos. Manning.					
South Edinboro.....	Otsego.....	1,300	11	41.2	-	68	22	19	27	44	3.49	-	1.90	2.0	9	8	5	13	s.	s.	s.	F. H. Bilderbeck.					
Spier Falls.....	Saratoga.....	400	12	39.4	+ 3.7	60	20	16	27	37	1.79	-	0.05	0.53	4.0	5	4	13	sw.	sw.	sw.	Geo. E. Fifield.					
Trenton Falls.....	One																										

TABLE 1.—Climatological data for November, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Pennsylvania—Contd.</i>																			
Lewistown.	Union.	460	39	43.9	+ 4.3	72	21	22	10	37	2.23	- 0.45	0.79	2.0	9	9	6	15	w.
Lock Haven.	Clinton.	460	25	45.3	+ 3.8	71	20	22	10	35	2.21	- 0.53	1.19	T.	11	5	9	16	w.
Marion.	Franklin.	460	9	45.6	+ 4.6	74	19	21	28	35	2.92	- 0.29	1.21	0	8	14	4	12	do.
Mt. Penn.	Carroll.	634	24	45.0	+ 4.6	76	22	23	11	44	3.20	- 0.29	1.75	0.2	10	14	5	14	w.
Mifflintown.	Juniata.	445	9	44.1	+ 3.7	72	19	22	6	38	3.33	- 0.29	2.42	0.5	8	10	5	15	w.
Millford.	Pike.	455	10	41.0	+ 3.2	70	20	18	1	24	2.52	+ 0.64	1.79	T.	12	13	11	6	nw.
Montrose.	Susquehanna.	1,658	9	41.3	+ 3.8	65	20†	21	10†	28	2.45	- 0.60	1.60	T.	9	8	4	14	se.
Muncy Valley.	Sullivan.	519	2	42.9	.....	68	22	22	2	37	2.03	- 0.91	1.0	5	14	2	14	do.	
New Germantown.	Perry.	873	9	49.0	+ 4.1	74	20	30	11	24	2.85	- 0.21	1.28	T.	8	12	7	11	sw.
Philadelphia.	Philadelphia.	117	42	49.0	+ 4.1	74	20	30	11	24	2.85	- 0.21	1.28	T.	8	12	7	11	sw.
Pocono Pines.	Northeast.	1,662	11	40.0	+ 5.2	72	20	20	11	36	2.40	+ 2.09	2.00	1.0	4	4	3	10	nw.
Reading.	Berks.	280	40	46.6	+ 4.1	70	21†	28	11	33	2.20	- 0.63	0.95	0.3	7	10	4	14	nw.
Scranton.	Lackawanna.	805	13	44.8	+ 5.7	72	22	27	10	36	2.83	+ 0.64	1.62	0.4	13	12	8	16	s.
Sellingrove.	Wyoming.	455	25	44.0	+ 2.4	72	21†	24	2	38	2.26	- 0.57	1.22	1.5	8	3	11	16	sw.
Spring Mount.	Montgomery.	185	24	43.2	+ 3.7	70	19	23	11	33	3.05	+ 0.44	1.72	0.3	11	12	5	16	do.
State College.	Centre.	1,191	25	43.2	+ 3.7	70	19	23	11	33	3.05	- 0.37	1.74	T.	10	12	8	10	w.
Stroudsburg.	Monroe.	425	3	43.7	+ 4.4	70	22	21	6	44	2.51	+ 0.37	1.53	0.5	12	11	9	19	sw.
Towanda.	Bradford.	754	18	43.4	+ 4.4	70	20	26	11	33	2.74	- 1.08	0.97	0	8	10	8	12	s.
West Chester.	Chester.	455	59	46.2	+ 3.5	71	20	24	11	32	2.28	- 0.00	1.00	0.5	10	10	3	17	w.
Williamsport.	Lycoming.	530	23	46.3	+ 6.0	71	21	24	11	32	2.28	- 0.00	1.00	0.5	10	10	3	17	nw.
<i>New Jersey.</i>																			
Asbury Park.	Monmouth.	22	25	47.9	+ 3.7	74	20	27	1	30	1.00	- 2.27	0.66	0	5	14	6	10	sw.
Atlantic City.	Atlantic.	16	40	48.3	+ 2.8	77	20	30	1	25	2.31	- 0.92	1.23	T.	7	12	8	10	nw.
Bayonne.	Hudson.	50	23	46.6	+ 3.6	71	20	29	11	29	2.05	- 1.48	0.65	T.	7	13	7	10	nw.
Baldwins.	Warren.	289	22	45.5	+ 4.3	73	20	26	1†	40	3.31	- 1.87	2.57	T.	6	20	1	9	do.
Bergen Point.	Hudson.	37	16	46.3	+ 3.3	72	20	29	11	30	2.15	- 1.48	2.76	T.	7	14	6	9	nw.
Boonton.	Morris.	239	23	32	+ 2.9	77	20	28	1†	38	2.10	- 1.16	1.90	T.	7	19	1	10	w.
Bridgeton.	Cumberland.	30	22	47.8	+ 2.9	72	19†	29	12	36	3.61	- 0.13	1.15	T.	7	19	2	9	nw.
Burlington.	Burlington.	12	27	45.8	+ 3.6	72	19†	32	1	21	3.32	- 1.90	0.52	T.	8	12	8	10	nw.
Cape May City.	Cape May.	17	35	49.2	+ 1.8	78	20	32	1	21	4.28	+ 1.16	2.85	T.	7	14	10	6	nw.
Charlotteburg.	Passaic.	719	21	43.7	+ 3.2	71	22	22	7	43	2.85	- 0.89	0.70	T.	6	18	2	10	nw.
Chatham.	Morris.	234	11	42.8	+ 3.2	72	20	24	1†	38	2.23	- 1.40	1.00	T.	7	10	10	10	w.
Clayton.	Gloucester.	126	20	46.8	+ 3.4	74	19	28	3†	31	2.35	- 1.18	1.05	T.	7	18	2	10	nw.
Culver's Lake.	Sussex.	848	12	42.6	+ 2.3	69	20	23	1	38	3.78	+ 0.96	2.44	0.4	10	16	4	10	w.
Dover.	Morris.	600	29	42.6	+ 2.3	69	20	23	1	38	3.78	+ 0.96	2.44	0.4	10	6	11	13	do.
Elizabeth.	Union.	45	34	48.2	+ 2.6	73	20	25	1	39	3.87	- 1.47	0.64	T.	8	13	11	6	sw.
Flemington.	Hunterdon.	140	25	46.4	+ 3.6	72	20	27	1†	40	3.23	- 0.12	1.49	T.	9	16	4	10	nw.
Haddonfield.	Camden.	75	26	46.8	+ 4.2	73	20	28	1	36	3.11	- 0.21	1.16	T.	11	10	10	10	s.
Highwood.	Bergen.	90	26	44.2	+ 1.9	72	20	24	1†	38	2.23	- 1.40	1.00	T.	7	10	10	10	sw.
Imlaystown.	Montgomery.	185	25	45.4	+ 1.1	74	19	23	11	42	1.90	- 1.86	0.85	T.	8	18	5	7	sw.
Indian Mills.	Burlington.	76	24	46.8	+ 3.4	75	19†	21	11	46	2.79	- 0.81	1.03	0	8	14	8	8	nw.
Jersey City.	Hudson.	10	15	47.2	+ 3.6	72	20	30	11	25	2.60	- 0.80	1.06	T.	6	11	7	12	w.
Lakewood.	Ocean.	54	11	45.6	+ 3.6	72	20	22	1†	35	2.06	- 0.83	0.93	T.	7	12	11	11	sw.
Lambertville.	Hunterdon.	95	26	47.8	+ 4.8	72	20†	23	1†	39	3.02	- 0.59	1.73	T.	7	15	2	13	w.
Little Falls.	Passaic.	175	11	42.8	+ 4.4	71	20	25	11	32	2.82	- 0.70	0.95	T.	9	9	9	9	sw.
Long Branch.	Monmouth.	26	5	46.2	.....	74	20	25	11	33	2.66	- 1.28	0.80	T.	8	12	4	14	w.
Mahwah.	Bergen.	312	11	43.2	+ 3.4	74	20	27	1	37	3.67	+ 0.33	1.92	T.	6	11	7	12	do.
Moorestown.	Burlington.	75	51	47.4	+ 4.4	74	19†	28	11	31	1.91	- 0.31	1.62	T.	7	17	5	8	sw.
Newark.	Essex.	159	70	47.6	+ 4.7	72	20	26	11	27	2.06	- 1.44	0.92	T.	7	16	5	10	nw.
New Brunswick.	Middlesex.	139	60	44.4	+ 0.8	73	21	26	1	36	2.20	- 1.39	0.60	T.	9	12	5	13	sw.
Newton.	Sussex.	678	34	44.2	+ 4.4	71	20	25	11	31	2.24	- 1.30	2.98	T.	7	15	2	13	w.
Northfield.	Atlantic.	25	6	42.6	+ 3.5	73	20	24	1	36	2.91	- 0.68	1.24	T.	0	8	12	4	nw.
Paterson.	Passaic.	80	42	47.0	+ 3.7	73	20	28	11	38	2.98	- 0.30	1.63	T.	8	7	18	5	nw.
Phillipburg.	Warren.	363	23	45.8	+ 4.2	71	20	27	1†	38	3.85	+ 0.57	2.28	T.	10	14	7	10	sw.
Plainfield.	Union.	100	27	45.5	+ 3.5	73	20	24	1	36	2.91	- 0.68	1.50	T.	9	16	5	10	sw.
Pleasantville.	Morris.	195	11	42.8	.....	74	20	27	1	37	3.41	- 0.08	1.28	T.	0	8	12	4	sw.
Pompton Plains.	Somerset.	60	30	45.8	+ 3.6	73	20	28	1	40	3.14	- 0.25	0.90	T.	8	18	4	8	nw.
Somerville.	Essex.	200	43	45.0	+ 3.4	70	20	27	11	37	1.71	- 1.66	0.65	T.	8	11	9	10	s.
South Orange.	Sussex.	442	23	44.3	+ 3.8	71	20	24	1	40	3.65	+ 0.59	1.59	T.	0	8	11	8	nw.
Trenton.	Mercer.	190	42	46.2	+ 0.8	70	20	29	11	32	2.48	- 1.33	1.07	T.	7	11	7	12	w.
Tuckerton.	Ocean.	23	20	46.2	+ 2.2	76	20	25	11	37	2.32	- 1.14	1.09	T.	0	5	14	9	nw.
Vineland.	Cumberland.	118	44	46.9	+ 3.0	74	21†	21	1†	39	2.47	- 1.83	0.81	T.	6	16	5	9	nw.
Woodbine.	Cape May.	43	22	47.6	+ 3.6	75	20	25	1	37a	2.02	- 1.13	1.23	T.	0	8	19	8	sw.
<i>West Virginia.</i>																			
Bayard.	Grant.	2,500	11	41.0	+ 3.0	70	21	15	6	48	6.31	+ 3.94	1.80	26.0	12	14	1	15	w.
Burlington.	Mineral.	875	19	43.3	+ 1.0	75	22	19	5	43	3.13	+ 1.33	2.15	T.	7	9	12	9	w.
Franklin.	Pendleton.	7	43	47.8	+ 2.8	73	20	13	12	46	3.46	- 0.28	1.46	T.	14	8	8	8	sw.
Lost City.	Hardy.	7	44.0	68	+ 20	20	25	5†	32	3.07	- 1.41	- 1.23	0.68	T.	6	12			

TABLE I.—Climatological data for November, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
Maryland—Contd.																				
Frostburg.	Allegany.	1,920	6	47.6	.....	78	21	20	11	48	2.25	.....	4.0	10	7	14	9	ne.	R. A. Walter.	
Great Falls.	Montgomery.	200	23	46.7	+ 2.7	75	20 [†]	25	6	49	2.49	+ 6.19	0	6	17	5	8	se.	Chas. E. Sullivan.	
Green Spring Furnace.	Washington.	450	21	46.1	+ 3.6	75	19	24	1 [†]	38	2.08	+ 6.53	1.62	T.	6	15	2	13	w.	E. G. Kinsell.
Keedysville.	do.	400	9	45.8	.....	73	19 [†]	20	15	39	2.68	.....	1.45	0	9	16	4	11	nw.	J. A. Miller.
Lake Montebello.	Baltimore.	200	4	46.8	.....	73	20	27	11	31	1.89	.....	0.81	0	6	10	0	11	nw.	Martin L. Bobier.
Laurel.	Prince George.	150	19	45.3	+ 0.3	72	20	23	1 [†]	51	2.20	— 0.38	0.95	0	8	18	4	8	s.	Dr. T. M. Baldwin.
Leonardtown.	St. Marys.	100	3	48.9	.....	76	20	26	11	34	1.38	.....	0.89	0	4	20	2	10	s.	Brother Fidelius.
Monrovia.	Frederick.	630	28	46.3	+ 2.8	75	19 [†]	22	11	33	2.33	— 1.14	1.08	0	7	18	4	8	a.	J. H. Lawson.
Pocomoke City.	Worcester.	37	20	51.6	+ 1.6	72	22	34	1 [†]	26	0.69	— 1.66	0.37	0	4	16	7	7	ne.	Eton R. M. Stevenson.
Princess Anne.	Somerset.	17	20	48.1	+ 1.7	75	22	25	1	39	0.95	— 1.31	0.60	0	3	11	10	9	sw.	J. R. Stewart.
Rockville.	Montgomery.	421	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. G. E. Lewis.	
Salisbury.	Wicomico.	23	8	48.3	.....	77	20	25	1 [†]	41	0.83	.....	0.34	T.	8	15	11	4	sw.	W. E. Downing.
Solomons.	Calvert.	20	22	49.7	+ 1.1	75	20	31	11 [†]	26	1.09	— 1.10	0.53	0	5	9	10	11	nw.	Dr. W. H. Marsh.
State Sanatorium.	Frederick.	1,460	6	45.4*	.....	72 [†]	22	22	11	28 [†]	2.92	.....	1.20	T.	6	18	4	10	superintendent.	Henry L. Higman.
Sudlersville.	Queen Anne.	65	15	46.8	+ 0.9	75	20 [†]	27	6	36	2.10	— 0.45	0.98	0	8	17	3	10	nw.	L. M. Mooers.
Tseoma Park.	Montgomery.	320	15	47.0	+ 2.3	77	20	25	11	37	2.58	+ 0.49	0.68	0	8	2	21	7	nw.	C. W. E. Treadwell.
Towson.	Baltimore.	465	5	47.4	.....	74	20	24	11	38	.....	.....	0	0	7	15	5	10	nw.	W. Benj. Ford.
Van Bibber.	Harford.	100	16	45.6	+ 1.6	73	20	25	2 [†]	33	1.99	— 1.11	0.70	0	7	16	3	11	Prof. O. H. Bruce.	
Westermport.	Allegany.	1,000	19	47.2	+ 5.2	87	22	23	10	47	2.79	+ 0.98	1.40	0.2	8	.....	.....	Prof. G. F. Morelock.		
Westminster.	Carroll.	860	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. J. F. Dawson, S. J.		
Woodstock.	Baltimore.	392	43	48.2	+ 5.4	73	20	27	11	34	2.10	— 0.88	0.77	0	8	10	5	15	w.	.....
Delaware.																			.....
Delaware City.	New Castle.	10	6	48.0	.....	74	20	29	11	27	1.72	— 0.47	1.34	T.	4	21	1	8	nw.	H. Morton Price.
Dover.	Kent.	40	25	48.9	+ 5.6	78	22	28	1 [†]	38	1.83	— 1.57	1.15	0	5	17	4	9	w.	W. C. Josting.
Milford.	do.	20	29	47.2*	+ 1.7	75*	20	28*	1 [†]	33*	1.17	— 1.67	0.77	0	7	16*	4*	9*	nw.	Chas. J. Holmanlet.
Millsboro.	Sussex.	20	21	50.7	+ 4.2	79	20 [†]	28	1 [†]	42	1.40	— 1.27	0.70	0	5	20	3	7	sw.	Rev. L. W. Wells.
Seaford.	do.	40	22	47.8	+ 1.6	75	20	27	1	38	1.17	— 1.47	0.56	0	6	21	3	6	sw.	H. B. Brown.
Wilmington.	New Castle.	86	2	48.8	.....	74	20	30	11	27	1.97	— 1.13	0.95	0	6	20	4	6	nw.	Alexander J. Tayler.
District of Columbia.																			U. S. Weather Bureau.	
Washington.	Dist. of Columbia.	.....	.....	47.8	+ 2.8	76	20	28	11	35	2.20	— 0.51	0.97	0	8	13	6	11	nw.	U. S. Weather Bureau.
Virginia.																			.....
Culpeper.	Culpeper.	450	5	44.2	.....	72	20	20	11	37	2.57	.....	1.26	0	4	15	6	9	s.	Col. H. C. Burrows.
Dale Enterprise.	Rockingham.	1,350	34	45.1	+ 1.3	75	20	16	12	40	4.60	+ 2.34	3.00	T.	6	9	11	10	s.	Rev. L. J. Heathewell.
Eastville.	Northampton.	15	3	51.4	+ 1.5	76	21	30	3 [†]	38	1.48	— 1.38	.69	0	4	19	6	5	sw.	T. B. Robertson.
Fredericksburg.	Spotsylvania.	100	24	48.6	+ 2.1	81	20	21	12	39	1.78	— 0.50	.68	0	7	18	3	9	se.	S. G. Howison.
Lincoln.	Loudoun.	500	12	46.1	+ 1.9	76	19 [†]	24	3 [†]	40	2.55	+ 0.67	1.20	0	5	17	3	10	sw.	Dr. Geo. Roberts.
Mount Weather.	do.	1,756	9	44.0	+ 3.6	66	20 [†]	20	11	25	2.25	— 0.61	1.39	T.	8	8	8	14	nw.	U. S. Weather Bureau.
Quantico.	Prince William.	16	16	46.2	+ 1.5	77	20 [†]	25	10 [†]	32	1.18	— 1.07	.58	0	3	21	1	8	se.	Kirk, Edsbg. & Pet. R. R.
Stampton.	Augusta.	1,380	21	47.6	+ 2.2	76	22	21	11 [†]	39	3.74	+ 1.60	2.90	.5	8	12	7	11	sw.	Ernest Notmager.
Swetnam.	Fairfax.	300	1	.....	.....	.....	.....	.....	.....	.....	2.56	.....	1.12	0	5	17	5	8	.....	Potomac Electric Power Co.
Wachapreague.	Accomac.	15	1	51.2	.....	72	22	29	11	34	1.03	.....	.45	0	3	13	11	6	.....	Mrs. A. H. G. Mears.
Warren.	Richmond.	160	21	51.1	+ 4.6	79	20 [†]	25	2	50	2.70	+ 0.17	1.55	0	4	21	1	8	w.	C. H. Constable.
Waynesboro.	Augusta.	1,315	1	47.8	.....	72	19 [†]	23	12 [†]	32	.....	.....	0.5	0	3	13	11	6	.....	H. M. Magie.
Winchester.	Frederick.	717	2	47.4	.....	74	19 [†]	24	12	34	3.55	.....	2.26	0	4	14	3	13	w.	Bentley Kern.
Woodstock.	Shenandoah.	927	17	47.2	+ 2.5	78	22	21	12	43	2.44	+ 1.55	2.48	T.	9	16	4	10	w.	Mrs. A. G. Arts.

a, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for November, 1913. District No. 1, North Atlantic States.*

TABLE 2.—*Daily precipitation for November, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for November, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for November, 1915. District No. 1—Continued.*

* Precipitation included in that of the next measurement.

|| Precipitation for the 24 hours ending on the morning when it is measured.

[†] Separate dates of falls not recorded.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures for November, 1913. District No. 1, North Atlantic States.*

Date.	Maine.												Massachusetts.								Connecticut.							
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.		Providence, R. I.		Cream Hill.		Hartford.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.	42	23	40	18	44	17	49	24	36	28	46	26	45	24	47	23	50	30	57	18	49	32	48	29	42	21	50	27
2.	33	25	35	19	46	27	45	33	37	17	40	25	45	28	51	34	54	42	57	30	50	39	52	40	46	35	53	41
3.	47	25	38	17	46	19	49	29	34	11	44	24	51	27	54	32	55	41	54	31	51	39	54	39	49	36	57	36
4.	53	32	44	28	50	37	52	37	45	24	46	34	51	35	53	40	56	42	59	36	57	43	56	42	52	39	54	42
5.	35	27	32	21	48	27	46	31	34	21	49	26	49	26	50	30	50	35	48	31	47	38	49	35	46	34	50	34
6.	60	30	59	25	59	26	59	30	55	20	54	31	68	22	65	25	68	39	63	23	58	38	62	38	61	30	64	35
7.	60	40	65	26	61	26	61	36	55	28	50	26	64	26	67	27	70	44	67	28	61	46	61	43	63	39	65	36
8.	54	47	47	29	60	30	52	40	55	34	44	28	58	35	58	46	68	40	64	44	55	45	61	42	66	40	66	50
9.	56	50	54	47	62	50	56	52	55	41	59	44	56	52	65	49	60	54	64	50	61	53	60	50	60	49	66	50
10.	61	56	56	39	62	42	56	39	60	48	58	44	51	32	49	31	55	37	62	44	56	43	53	37	44	30	50	32
11.	50	33	49	26	58	32	41	30	50	32	38	28	36	26	39	25	44	32	44	23	44	36	42	32	37	22	40	26
12.	38	33	39	27	53	39	45	31	40	28	38	30	43	30	47	32	49	34	47	27	44	35	48	34	40	30	44	32
13.	51	34	35	24	44	26	48	36	40	25	43	30	47	32	52	36	59	40	57	35	55	39	57	38	45	32	53	35
14.	52	39	44	31	49	35	53	38	42	30	43	35	47	34	47	32	54	40	57	34	54	38	52	32	40	30	51	31
15.	37	29	33	24	47	29	40	32	38	26	36	29	38	29	43	25	43	33	48	28	42	35	42	32	40	24	51	21
16.	39	26	39	18	39	18	38	30	30	13	40	22	34	29	33	30	39	34	37	27	46	38	38	33	30	27	46	31
17.	46	35	38	17	43	23	49	24	41	14	45	28	48	28	49	29	52	36	48	34	48	34	40	26	47	33	52	34
18.	51	40	43	27	52	32	48	39	45	36	50	35	63	33	59	31	64	39	63	32	57	41	62	38	60	30	62	34
19.	51	42	44	37	51	31	48	25	42	30	46	41	50	45	55	45	58	50	58	38	56	45	52	40	51	35	60	36
20.	67	44	59	38	66	43	70	47	55	38	64	42	70	46	68	49	71	54	71	52	70	55	66	48	70	53	70	53
Mns.	46.8	34.1	41.9	26.0	51.2	29.8	48.3	34.5	48.2	26.5	44.6	30.5	48.6	31.2	50.7	32.9	53.7	39.3	54.7	33.1a	52.0	41.1	52.9	38.7	48.0	33.1	52.0	37.0

Data.	New Haven, Conn.	New York.												Pennsylvania.										Atlantic City, N. J.			
		Addison.		Albany.		Binghamton.		Indian Lake.		Little Falls.		New York.		Everett.		Harrisburg.		Philadelphia.		Sorontom.		State College.		Wellsboro.			
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.	50	30	48	30	50	30	47	27	38	.....	45	40	49	32	44	36	49	32	51	37	49	30	43	29	.....	49	30
2.	55	37	51	31	51	39	52	35	44	.....	48	37	55	36	60	30	52	38	56	37	51	35	51	33	.....	56	34
3.	57	38	59	29	55	34	56	34	48	.....	53	33	58	42	64	22	58	33	59	43	59	35	57	28	.....	56	39
4.	56	40	53	36	51	39	50	37	47	.....	50	35	56	45	54	40	54	43	60	47	50	40	57	37	.....	63	41
5.	52	35	60	26	50	33	51	32	44	.....	44	30	55	38	60	30	56	38	54	40	51	36	54	32	.....	55	36
6.	62	34	59	21	58	32	65	27	66	.....	60	29	63	40	65	21	61	32	62	40	65	31	61	28	.....	61	36
7.	64	38	65	28	62	32	68	38	62	.....	57	37	64	46	64	26	62	35	63	45	68	32	62	33	.....	59	35
8.	61	43	61	41	60	38	59	47	65	.....	62	36	66	42	65	33	54	45	65	48	62	44	65	45	.....	63	51
9.	63	48	54	42	67	42	62	36	59	.....	61	49	63	43	67	26	60	34	63	41	63	35	63	29	.....	62	42
10.	49	32	52	26	44	32	36	28	56	.....	50	28	45	32	52	26	36	31	44	35	35	27	29	25	.....	46	33
11.	41	29	35	25	40	29	32	28	38	26	32	28	40	28	30	24	37	30	40	30	35	28	29	23	.....	41	30
12.	48	31	47	20	43	35	43	32	37	.....	40	27	48	32	51	23	46	33	47	34	44	31	45	26	.....	46	30
13.	56	42	52	38	51	42	53	42	41	17	55	35	56	41	75	33	54	40	58	40	55	41	54	40	.....	56	45
14.	53	38	52	32	50	35	52	34	48	29	49	35	56	38	58	32	58	38	61	42	55	36	53	39	.....	64	42
15.	43	33	41	24	41	30	39	31	35	19	36	23	43	35	55	26	41	34	39	41	34	40	26	.....	43	37	
16.	40	33	39	30	36	32	35	33	24	24	32	29	43	36	50	34	40	35	43	37	37	34	36	32	.....	52	38
17.	48	35	54	30	47	31	47	31	45	18	42	25	47	35	50	32	51	40	50	39	47	34	53	32	.....	49	39
18.	60	56	69	33	52	32	55	32	49	23	46	33	59	38	64	31	62	38	62	40	58	38	60	37	.....	63	39
19.	60	51	69	46	59	46	65	50	46	38	57	43	63	60	75	46	72	51	69	60	70	51	61	52	.....	61	52
20.	72	52	70	58	68	50	67	53	57	46	60	49	70	54	69	52	71	59	74	56	69	57	65	56	.....	77	56
21.	59	46	76	53	56	39	70	49	55	27	50	37	62	52	73												

TABLE 3.—*Maximum and minimum temperatures for November, 1913. District No. 1—Continued.*

Date.	New Jersey.								Martinsburg, W. Va. ^{ss}	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.											
	Bridgeton.		Phillips- burg.		Sursex.		Trenton.			Baltimore.		Darling- ton.		Frederick.		Western Port.					Fredericks- burg.		Staun- ton. ^{ss}		Wood- stock.						
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.						
1....	51	28	50	29	52	24	48	31	50	27	50	34	49	26	51	27	56	25	52	28	52	22	53	27	54	25	53	25			
2....	58	30	57	34	54	35	54	35	53	32	57	38	54	26	55	31	65	33	64	32	55	33	56	23	58	23	60	24	58	24	
3....	62	29	59	33	58	30	58	36	59	27	62	35	58	27	61	28	69	26	67	29	63	28	66	28	58	26	66	28	58	26	
4....	65	42	58	44	55	43	58	40	58	32	62	46	59	27	60	39	67	45	68	44	63	45	70	44	67	46	65	38	65	38	
5....	55	31	56	35	54	35	53	38	57	36	58	40	54	34	58	33	67	31	62	34	58	34	57	32	59	29	62	30	59	29	
6....	65	29	64	29	66	26	64	35	60	27	61	36	61	27	62	25	72	25	69	29	60	30	65	26	65	26	69	26	69	26	
7....	66	28	65	27	66	28	64	32	61	27	60	36	62	26	64	26	65	30	72	30	65	30	67	27	67	35	67	30	67	30	
8....	69	45	59	38	61	33	66	45	62	31	58	50	59	38	60	36	60	38	73	48	59	48	61	37	55	36	57	34	57	34	
9....	62	47	64	51	64	54	64	39	52	45	59	38	55	40	57	38	57	39	60	38	57	41	58	38	58	34	50	34	50	34	
10....	47	34	51	33	54	32	43	31	55	32	42	33	40	31	40	33	36	22	47	35	42	32	47	36	34	29	38	32			
11....	42	29	37	27	40	25	37	29	37	25	40	29	39	22	38	27	35	25	45	30	38	28	40	24	34	21	37	34	34		
12....	49	29	46	31	48	29	46	32	48	27	48	33	47	29	48	28	58	24	57	28	48	30	50	21	55	21	53	21	53	21	
13....	61	33	53	36	53	36	56	38	68	28	61	41	59	35	68	34	61	35	68	48	64	42	60	37	68	46	71	31	71	31	
14....	60	45	53	45	51	49	59	38	68	40	63	46	61	47	58	45	68	47	62	48	71	48	68	52	65	47	65	47	65	47	
15....	51	33	46	32	44	29	42	34	39	34	46	37	51	35	54	32	48	34	55	37	48	37	64	40	48	40	54	37	54	37	
16....	48	36	40	34	38	32	40	34	42	36	44	39	47	32	41	35	44	35	56	40	44	39	47	39	56	40	45	37	45	37	
17....	51	38	48	34	44	32	47	37	53	38	52	42	48	32	53	36	63	36	55	37	52	36	54	39	56	33	59	38	59	38	
18....	63	33	61	34	61	29	61	35	65	30	66	40	63	30	66	33	65	36	66	33	65	32	68	30	67	37	70	31	70	31	
19....	69	43	67	49	62	45	70	48	74	31	68	52	69	46	75	45	82	51	77	46	72	45	77	43	75	52	76	44	76	44	
20....	77	51	71	54	71	53	70	54	71	49	76	58	74	52	74	54	67	51	79	55	76	52	81	49	75	55	77	50	77	50	
21....	75	45	67	47	67	45	68	50	71	41	70	50	70	46	73	46	80	42	74	48	50	77	48	75	45	77	44	75	44	75	44
22....	72	46	64	46	64	45	62	48	72	45	63	49	65	42	73	44	87	43	79	46	74	46	76	41	76	43	78	43	78	43	
23....	74	44	69	44	66	46	69	46	70	48	73	49	72	46	70	47	69	45	76	44	74	48	79	46	74	46	72	44	72	44	
24....	64	35	55	40	52	32	48	38	51	41	52	43	58	32	56	38	58	37	60	38	52	39	72	35	53	38	58	32	58	32	
25....	51	32	48	34	44	34	47	35	50	39	52	39	49	32	50	33	52	31	55	33	50	36	52	32	54	28	52	31	54	31	
26....	52	35	50	38	59	32	51	40	56	39	55	43	51	35	56	39	53	38	58	35	49	42	56	35	63	42	63	37	63	37	
27....	46	35	47	31	45	25	45	34	44	41	49	35	48	32	50	35	46	39	49	45	48	37	51	44	48	43	55	40	55	40	
28....	50	36	40	33	33	30	48	38	41	34	50	38	50	32	41	33	44	36	54	46	47	37	45	38	46	41	36	41	36	41	
29....	52	46	46	36	42	33	47	40	47	35	53	45	51	32	49	40	50	40	58	46	52	41	47	42	52	41	50	39	50	39	
30....	47	40	45	38	42	31	42	37	45	40	49	40	48	29	48	40	48	40	52	42	50	41	49	43	42	39	46	42	39	46	
Mns..	58.5	37.0	54.5	37.2	53.7	34.9	54.2	38.2	55.3	35.2	56.7	41.3	55.7	34.0	57.1	36.0	58.9	35.4	62.4	39.0	57.1	38.5	60.8	36.5	58.2	37.0	59.3	34.9			

^a, ^b, ^c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

^{ss} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.